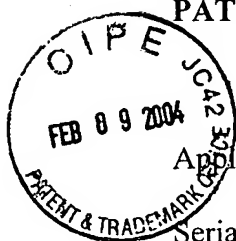


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PATENT

13446C2/4340USC2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Livak *et al.* Examiner: Suryaprabha Chunduru

Serial No.: 10/038,520 Group Art Unit: 1637

Filed: October 22, 2001

For: "Length Determination of Nucleic Acid Repeat Sequences by
Discontinuous Primer Extension"

Customer No.: 23719

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February 4, 2004

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RESPONSE TO FINAL OFFICE ACTION

Sir:

This submission is in response to the Office Action that was mailed on November 26, 2003 in connection with the above-identified application. The time set for filing a response expires on February 26, 2004. Accompanying this response are two Terminal Disclaimers to Obviate a Double Patenting Rejection over a Prior Patent and the requisite fees; a Statement Under 37 CFR 3.73(b); a Transmittal of Associate Power of Attorney; and an Associate Power of Attorney.

Certificate of Mailing Under 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature)

(Printed Name of Person Signing Certificate)

(Date)